

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 10547 (1983): Camera Accessory Shoes for Photoflash Lamps and Electronic Photoflash Units [MED 32: Photographic Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

BLANK PAGE

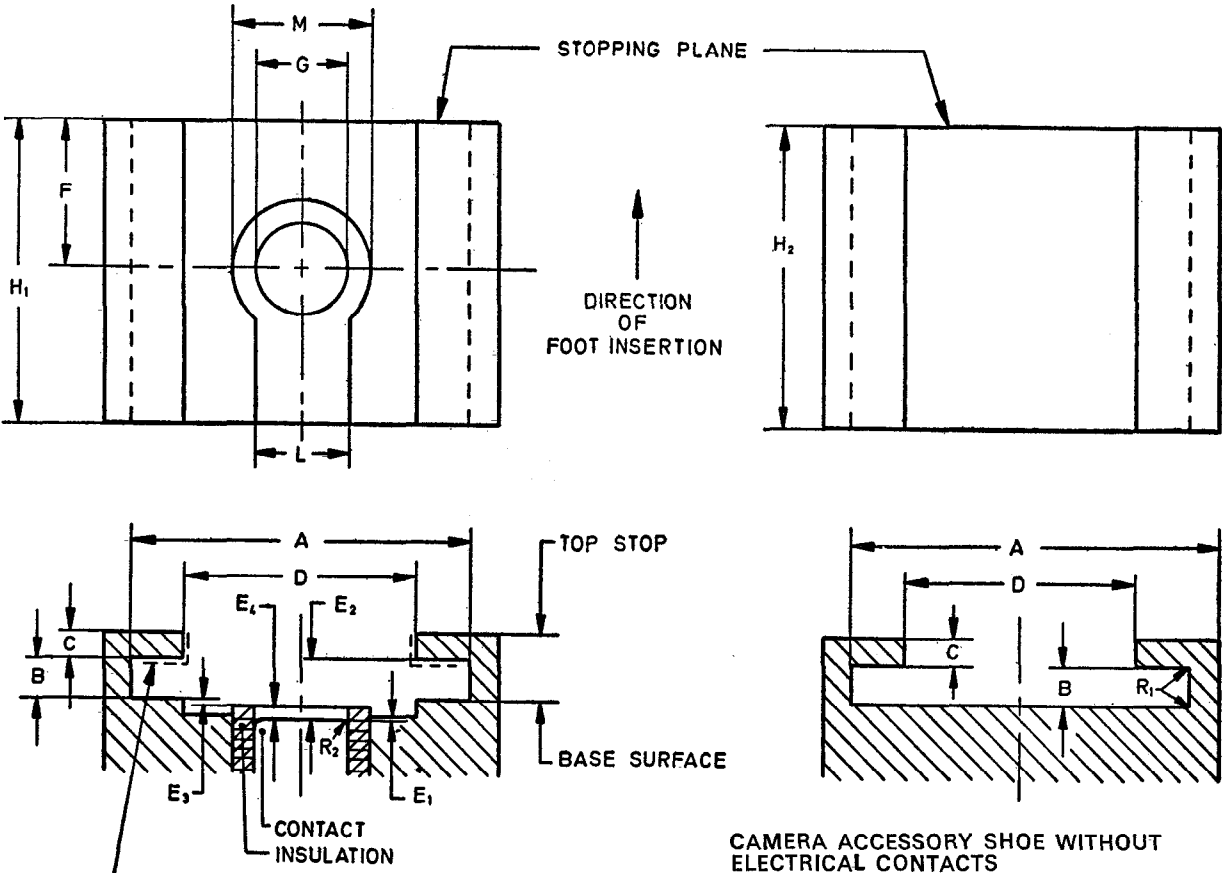




Indian Standard

SPECIFICATION FOR
CAMERA ACCESSORY SHOES FOR PHOTOFLASH LAMPS
AND ELECTRONIC PHOTOFLASH UNITS

1. **Scope** — Specifies dimensions and material of camera accessory shoes, with and without electrical contacts, for photoflash lamps and electronic photoflash units.
2. **Dimensions** — As shown in Fig. 1.
- 2.1 The dimensions given in Fig. 1 are basic for the solid shoes. When an accessory shoe is equipped with springs or other devices for holding the accessory foot tightly or maintaining good electrical contact, the dimensions of the shoe may be changed within the range in which their interchangeability and functions will not be affected.



CAMERA ACCESSORY SHOE WITH ELECTRICAL CONTACTS		CAMERA ACCESSORY SHOE WITHOUT ELECTRICAL CONTACTS	
Dimension	Value, mm	Dimension	Value, mm
A	18.60 ^{+0.20} ₀	F*	8.70 ⁺⁰ _{-0.40}
B	2.00 ^{+0.15} ₀	G*	5.00 ⁺⁰ _{-1.00}
C	1.50 Max	H1*	16.00 ^{+2.00} ₀
D	12.50 ^{+0.40} ₀	H2†	16.00 ^{+3.00} _{-2.00}
E1*	0.10 Min	L*	5.00 Min
E2*	2.65 Max	M*	8.00 Min
E3*	0.10 Min	R1	0.30 Max
E4*	0.35 Max	R2*	0.20 Max

Note 1 — Dimensions D, G, L and M shall be symmetric to dimension A with a tolerance of ± 0.25 mm.

Note 2 — Where E3 ≥ E1, the base surface shall be continuous to the insulation (localized recesses permitted).

*Applies only to accessory shoes with electrical contacts.

†Applies only to accessory shoes without electrical contacts.

FIG. 1 CAMERA ACCESSORY SHOES

3. Material — The shoe contacts shall be made of a material suitable for the purpose. They shall be plated with one of the following metals:

- a) Gold,
- b) Silver (non-tarnishable), or
- c) Nickel.

4. Constructional Details

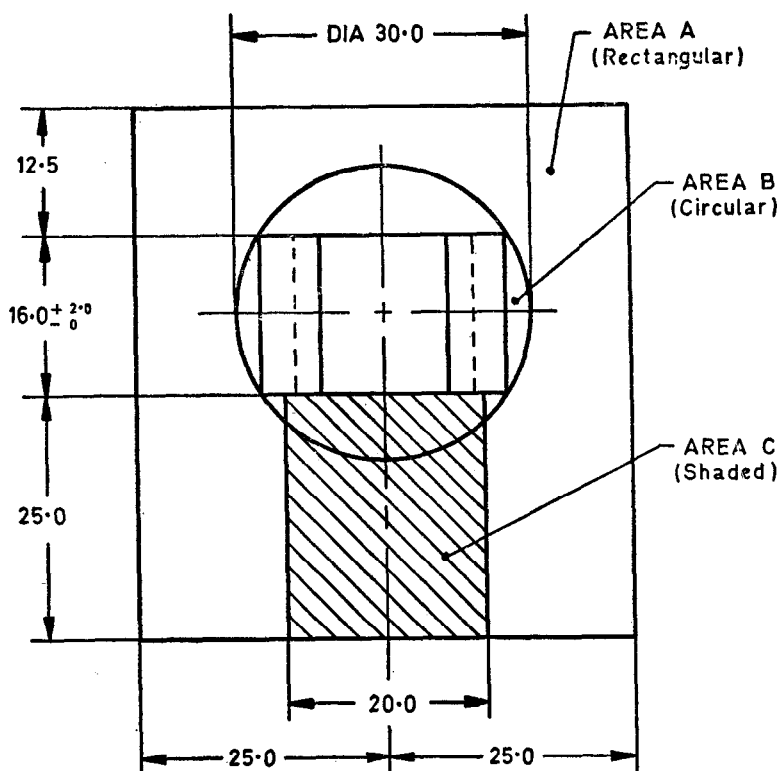
4.1 Accessory Shoes With and Without Electrical Contacts

4.1.1 Clearance for the accessory equipment

4.1.1.1 A rectangular area, area *A* of Fig. 2, extending 12.5 mm in front and 25.0 mm at the back of the shoe and 25.0 mm to the right and to the left of the centre of the shoe, shall be devoid of obstructions higher than 2.0 mm above the top surface of the shoe.

4.1.1.2 A circular area, area *B* of Fig. 2 of diameter 30.0 mm located as dimensioned in Fig. 2, shall be devoid of obstructions higher than the top surface of the shoe.

4.1.2 Clearance for insertion of the accessory equipment foot — A rectangular area, area *C* of Fig. 2, extending 25.0 mm at the back of the shoe and 20.0 mm wide, shall be devoid of any obstruction above the plane of the base surface of the shoe.



All dimensions in millimetres.
FIG. 2 LOCATION OF CLEARANCE AREAS

4.2 Accessory Shoes With Electrical Contacts — The electrical contact surface (dimension *G* of Fig. 1) shall be flat and the edge rounded. The insulation resistance shall be not less than 30 MΩ when tested at a temperature between 0 and 40°C and a relative humidity of 40 to 85 percent.

EXPLANATORY NOTE

This standard is based on ISO 518-1977 'Photography—camera accessory shoes, with and without electrical contacts, for photoflash lamps and electronic photoflash units', issued by the International Organization for Standardization (ISO).